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**Subject:** Situation Report #2  
**Date:** Friday, September 1, 2017 6:35:38 AM  
**Attachments:** [Hurricane Harvey Sit Rep 2.pdf](#)

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Please find attached the Situation Report for August 31, 2017.

Matt Loesel

ESF-10 Hurricane Harvey Response

Planning Section Chief

202-578-2125

# **Hurricane Harvey-Texas**

**ESF-10**

**Situation Report #2**

**Subject:** SITREP #2

**To:** Agency Leads

**Thru:** Matthew Loesel. PSC

**From:** Unified Command

**Date:** 08/31/2017

**Reporting Period:** 08/31/2017

## **1. Introduction**

### **1.1. Background**

Hurricane Harvey made landfall at 2300 ET, August 26<sup>th</sup>, as a Category 4 storm near Rockport, Texas. Harvey was downgraded to a Category 1 with maximum sustained winds of 85 mph and located approximately 25 miles southwest of Victoria, TX by 0700 on August 27<sup>th</sup> and moving northwest at 6 mph. Harvey stalled over southeastern TX through the middle of the week. Due to the slow motion of Harvey and a prolonged period of onshore flow, water levels remain elevated. The impacted area received more than 50 inches of precipitation, and catastrophic flooding occurred. Harvey was eventually downgraded to a tropical storm with maximum sustained winds of 45 mph.

An ESF-10 Mission Assignment was signed on August 28, 2017. The US Environmental Protection Agency (EPA), Texas Commission on the Environmental Quality (TCEQ), Texas General Land Office (TGLO) and the US Coast Guard (USCG) have entered into Unified Command to begin the evaluation, clean-up and recovery of spills, releases and orphan containers. In addition,

### **1.2. Incident Objectives**

- Provide for the safety and security of responders as well as maximize the protection of public health and welfare.
- Systematically and thoroughly survey the impacted areas caused by Hurricane Harvey. Determine the most heavily impacted areas and the overall geographical boundaries impacted.
- Keep public and stakeholders informed.
- Identify orphaned containers in each grid greater than or equal to 5 gallons in size, and document the most effective means for their recovery.
- Identify potential and on-going oil spills, derelict and discharging vessels and facilities with releases in each grid, categorize the spills and document the most effective means for their recovery.

- Identify locations for Incident Command Posts (ICP)/Staging Areas.
- Identify any immediate threats to public health and the environment.
- Identify affected drinking water and wastewater systems in each area, evaluate the systems to determine their operational status, and facilitate system contact with Federal, State and local agencies (i.e. technical assistance).
- Identify secure area(s) to process and temporarily store for subsequent recycling, disposal, or return to the original owner, displaced Orphan Containers, Above Ground Storage Tanks (AST's), Hazardous Waste, Household Hazardous Waste (HHW).
- Establish and maintain a common operating picture.
- Identify and maximize the protection of environmental sensitive areas and threatened species.
- Assess Department of Homeland Security (DHS) critical infrastructure (e.g. public water supplies and wastewater treatment facilities) and Risk Management Plan (RMP) and Facility Response Plan (FRP) facilities for damage and immediate ongoing releases.

## 2. Current Activities

On Thursday, August 31, 2017, the Incident Command Post in Corpus Christi continued conducting rapid needs assessments. Members of the ICP liaised with the ICP at Robstown to discuss future realignment of personnel and beset use of assets for way-ahead.

### 2.1. Operations Section

Five teams of TCEQ and the 6<sup>th</sup> Civil Support Team (CST) staff performed Hazard Evaluations on Thursday, August 31, 2017. The teams investigated Point Comfort, Port Lavaca, Port O'Connor, Seadrift and Port Aransas. In addition, teams out of the Bravo Branch in Houston performed Hazard Evaluations and Oil Discharge Assessments. Evaluation data was collected and later entered into Response Manager.

<b>Status</b>	<b># of Contact on 8/31/17</b>
Access Denied (Open)	1
Assessment Required (Open)	27
Leave in Place (Closed)	5
Leave in Place (Open)	9
Recovery Required (Open)	30
Refer to Other Agency, no EPA needed (Closed)	1
Special Operations (Open)	1

<b>Status</b>	<b># of Contact on 8/31/17</b>
Access Denied (Open)	2
Assessment Required (Open)	125
Clean Up Completed (Closed)	3
Clean Up in Progress (Open)	15
Discharge Identified Clean Up Not Initiated (Open)	18
No pollution Threat (Closed)	3

Based on direction from Austin, the Hazard Evaluation Teams will perform water assessments on September 1, 2017. Two teams will begin recovering items discovered through the Hazard Evaluations on Friday, September 1, 2017.

A Water Infrastructure Assessment Team, consisting of four TCEQ staff, performed assessments at one facility Information was entered into Response Manager for all of these visits.

<b>Status of Facility with On-Site Visit</b>	<b># of Facilities</b>
Loss of Power Not on Generator	0
On Generator Power	0
Inoperable	1
Operating	0

The team of US EPA and TCEQ staff in Austin, continued contacting drinking and waste water facilities in the area affected by the hurricane.

<b>Waste Water Facility Status</b>	<b># of Contacts on 8/31/2017</b>
Inoperable	4
Operating	58
Operating on Generator Power	4
Partial Operations	1
Unknown	6

<b>Drinking Water Facility Status</b>	<b># of Contacts on 8/30/2017</b>
Clear	11
Destroyed	0
Operating on Generator Power	35
Inoperable	25
Loss of Power – No Generator	19
Operating	808
Out of Contact	19
Results of Testing Pending	8
Unknown	47

### 3. Participating Agencies

- Texas Commission on Environmental Quality
- Texas General Land Office
- Texas Parks and Wildlife
- 6<sup>th</sup> Civil Support Team
- US Environmental Protection Agency
- US Coast Guard
- National Oceanic and Atmospheric Agency

### 4. Personnel on Site

Agency	Corpus Christi	Austin
US EPA	6	11
USCG	14	
TCEQ	22	
TGLO	6	
CST	18	
Contractors	9	

### 5. Definition of Terms